



Wildstar*

by Arya Akhavan (June 2013)

Angles for R.I. = 1.620

56 + 10 girdles = 66 facets

5-fold, mirror-image symmetry

80 index

$L/W = 1.051$ $T/W = 0.305$ $U/W = 0.290$

$P/W = 0.497$ $C/W = 0.164$

$Vol./W^3 = 0.216$

PAVILION

P1	43.77°	04-12-20-28-36-44-52-60-68-76	Cut to centerpoint.
P2	43.00°	08-24-40-56-72	Meet at culet.
G1	90.00°	80-16-32-48-64	Set stone size.
G2	90.00°	08-24-40-56-72	Level girdle.
P3	65.00°	80-16-32-48-64	Level girdle.
P4	42.60°	03-13-19-29-35-45-51-61-67-77	Meet P1, P3

CROWN

C1	30.00°	80-16-32-48-64	Set girdle width.
C2	26.49°	08-24-40-56-72	Level girdle.
C3	25.64°	02-14-18-30-34-46-50-62-66-78	Meet G1, G2, C1, C2
C4	19.64°	08-24-40-56-72	Meet C2, C3
T	0.00°	Table	Meet C3, C4

While I was working on ribbon designs, I accidentally made a pavilion with a sweet star pattern that creates more stars in higher RIs. This design is named after an upcoming MMO that I'm desperate to get a beta key for. Works in materials from orthoclase to rutile (RI = 1.52 - 2.62) with no changes, but I prefer canary tourmaline. Suggested size = 8-15 mm

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